

Photo Credit: NASA Worldview



Duty Officer	
EDO	Tina Curry
CSWC Watch Officer	Chad Stokes (Day) Grady Tunnell (Night)
FDO	Ken Hood
LDO	Paul Walters
IDO	Ron Quigley
CDO	Jan Marnell
SDO	Yvette LaDuke
PIO	Brad Alexander
TDO	Jeff Howell
IT	Michael Crews
EQTP	Sharon Blankenheim
Tribal Liaison POC	Denise Shemenski
Access and Functional Needs POC	Vance Taylor

National Terrorism Advisory System



Unclassified // FOUO

STAC 24 Hour Open Source Report

Next Report 08/01/16



SITUATION SUMMARY

Cal OES Activation Status

State Operations Center	Inland Region EOC	Coastal Region EOC	Southern Region EOC
Level 1	Level 1	Level 1	Level 1

Cal OES Coastal Region

· See Fire Activity Section

Cal OES Inland Region

See Fire Activity Section

Cal OES Southern Region

• See Fire Activity Section

Los Angeles County Heat Alert

- The Los Angeles County Health Officer issued a Heat Alert due to high temperatures forecasted for the following areas:
 - Antelope Valley through at least 07/30/16.
 - A list of Cooling Centers is available at www.publichealth.lacounty.gov



Cal OES Fire Preparedness Levels				
National	Northern California Southern California			
Preparedness Level 3	Preparedness Level 2	Preparedness Level 3		
	Multi-Agency Coordination System MACS Mode: 2	Multi-Agency Coordination System MACS Mode: 2		

Sobranes, Vegetation Fire, Monterey County

Location: 1 Mile East of Sobranes Creek, 5 miles south of Carmel Garrapata State Park

Jurisdiction: SRA Type 1 IMT

Start Time: 07/22/16 at 0848 hours

Per Cal OES FDO, CALFIRE and ICS-209 as of 07/31/16 at 0612 hours:

- 38,007 Acres, 15% Contained
- Expected Containment Date: 08/31/16
- · 2,000 Residences threatened
- · 57 Single Residences destroyed
- · 11 Other Minor structures destroyed
- 3 Single Residences damaged, 2 minor structures damaged
- Threats to the communities of Palo Colorado, Bixby, White Rock, Carmel Highlands and Rancho San Carlos
- Marine layer remains fairly shallow at around 1000 feet but may deepen to 1500 feet. Warm and dry conditions will continue.
- 194 Local Government engines assigned
- · 80 OES engines and 2 support units assigned
- · 2 Cal OES Assistant Chiefs assigned
- 2 California National Guard Fuel Tenders assigned
- 7 PSC Technicians assigned
- · 1 OES Satellite Phone Cache Assigned



Activations

Per Cal OES CDO as of 07/29/16 at 0115 hours:

- Monterey County EOC is activated at Level 2 with an operational period of 0800-2000 hours. Level 1 overnight, until further notice.
- 1 Regional ESC deployed to Monterey County EOC.
- Coastal REOC is activated at Level 1 over the weekend

FMAG

On 07/28/16 at 1852 hours the FMAG was approved by FEMA, FM-5137.

Critical Infrastructure

- PG&E has set up base camp at CSUMB and will be assisting with power outages in the area near Big Sur
- Per the Cal OES CDO as of 07/30/16
- The fire has impacted 60 KV power transmission lines

Deployments

Per Cal OES Telecommunications Duty Officer (TDO) as of 07/30/16 at 0818 hours:

- Communications Coordinator responding to ICP
- Frequency Coordination of VTAC and UTAC frequencies
- MIGU-2 for Interoperability communications support.
- Providing 15 Iridium Phones from Cal OES Cache
- · Coordinated 20 Iridium Phones from Satellite Vendor
- · TCOM working with Guard and COML for AVL solution
- Providing communications support for Coastal Region

Proclamations

- On 07/26/16 Acting Governor Tom Torlakson issued emergency proclamations for Los Angeles and Monterey counties due to the effects of the Sand and Soberanes fires, which have burned tens of thousands of acres of land, threatened thousands of homes and structures and caused the evacuation of residents.
- On 07/24/16, Monterey County, proclaimed a Local Emergency due to the Sobranes Fire. There are no requests for state assistance



Sobranes, Vegetation Fire, Monterey County

Evacuations

Mandatory Evacuations:

- Robinson Canyon Road FROM San Clemente Trail to White Rock Gun Club. Area south of San Clemente Trail, FROM Robinson Canyon Rd to the Rancho San Clemente Gate House, to INCLUDE the Arroyo Sequoia Rd
- Palo Colorado Rd
- · Weston Ridge Road (Garrapata Ridge Road)
- · Garrapatos Road
- Highway 1 at Old Coast Rd south to Old Coast Rd at Bixby Rd, Rocky Creek and Bixby Creek roads from Highway 1 south to Mesa Rd
- Corona Rd east of Highway 1
- · Riley Ranch Road east of Highway 1
- · A portion of Santa Lucia Preserve on rancho San Carlos between Canter Run and Garza Trail

Advisory Evacuations:

- Evacuation Warning: Area to the North of San Clemente Trail-Dormody Road, to INCLUDE those roads to Black Mountain Trail, Touche Pass, the community of Rancho San Clemente and all of Long ridge Trail. Black Mountain Trail is the northern boundary.
- · Carmel Highlands
- · White Rock
- · Rancho Carlos
- · Rancho San Clemente

Road Closures

- · Palo Colorado Rd
- Weston Ridge Rd (Private)
- · Lower Garrapata Rd. (Private) at HWY 1
- · Riley Ranch Road

Shelters

- American Red Cross (ARC) has established an Evacuation Shelter at Carmel Middle School, 4380 Carmel Valley Road, Carmel-By-The-Sea
 - Midnight Shelter Count: 0, Per CDSS this shelter will be on standby as of 07/30/16.
- · County Social Services are also available to assist.
- · There are no AFN issues reported at this time



Sobranes, Vegetation Fire, Monterey County

Health and Medical

Per Cal OES CDO as of 07/30/16 at 0934 hours:

- Monterey Air Quality Board has issued an advisory. More information can be found at: http://mbard.org/air-quality/.
- Monterey Bay Air Resources District has placed and activated a total of 12 monitors
- a "boil water" notice has been issued due to a power outage and resulting emergency water outage in the CAL AM Garrapata system.
 - This is not a direct impact from the fire. More information: http://www.mtyhd.org/index.php/boil-water-order-cal-am-garrapata-system/

Recovery

- A plan for a locally sponsored assistance center (LAC) with local agencies only in attendance is being developed for Saturday 8/6/16 to assist residents with obtaining vital records, including driver's licenses. More information will be distributed as it is available.
- The county is developing a plan to perform damage assessments and to perform debris removal, when it is safe to do so.
- Community meetings have been taken place nightly at 1800
- The meeting on 07/30/16 was held at Carmel High School at 1800 hours. A message number was provided to the public to call in and provide name, address and contact number in order to determine if their property was damaged. Monterey County OES is contacting property owners who leave a message and advise them if their properties are severely impacted.
- Representatives from CAL FIRE, USFS Los Padres National Forest, Monterey County and Monterey County Sheriff's Office will be
 present to discuss details of the fire, its progress and recovery efforts.



Sand, Vegetation Fire, Los Angeles County

Location: 14 Fwy X Sand Canyon Rd, 1 mile south of Santa Clarita

Type 2 IMT, FRA

Start Date/Time: 07/22/16 at 1411 hours

Per CALFIRE, Cal OES Duty Officers and ICS-209 as of 07/30/16 at 1720 hours:

- 41,432 Acres, 93 % Contained
- Anticipated containment date: 08/07/16
- No spread anticipated, mop up and line reinforcement will continue. A monsoonal flow will impact the area, possibly creating instability and out flow winds.
- Continue direct line construction and hose lay around the fire. Mop up and backhaul
- Unified Command Type 2 IMT
- · Structure threat mitigated
- · 19 Residential structures destroyed
- · 1 Other Minor structure destroyed
- 1 Single Residence damaged
- · 5 Other Minor structures damaged
- 10 Local Government engines
- 1 Cal OES Support Units assigned
- · 1 Cal OES Assistant Chiefs assigned
- 1 Cal OES Law Enforcement Assistant Chief assigned

Activations

 Los Angeles County Sheriff's Office Department Operations Center (DOC) is activated and has deployed an Emergency Operations Bureau (EOB) team to the ICP

Proclamation

 On 07/26/16 Acting Governor Tom Torlakson issued emergency proclamations for Los Angeles and Monterey Counties due to the effects of the Sand and Sobranes fires, which have burned tens of thousands of acres of land, threatened thousands of homes and structures and caused the evacuation of residents.

FMAG

On 07/23/16, FMAG was approved by FEMA IX, FEMA-5135-FM-CA

Access and Functional Needs

- · There are no access and functional needs concerns reported at this time
- The Cal OES Office of Access and Functional Needs (AFN) is monitoring the incident and coordinating with Department of Developmental Services to push evacuation information to their Regional Center clients with AFN needs in the evacuation area.



Sand, Vegetation Fire, Los Angeles County

Evacuations

- On 07/25/16 at 1900 hours, ALL residents in ALL evacuated areas were allowed to return home, with the EXCEPTION of: Little Tujunga Canyon Road from the Wildlife Way Station to Sand Canyon Road & Placerita Canyon Road
- The Areas to be re-populated will be open to RESIDENTS ONLY. All residents entering the areas will need to provide identification.
- · Approximately 1000 residents remain evacuated.

Road Closures

Santa Clarita Valley ongoing closures

- Soledad Canyon Road at the 14 Freeway
- · Sand Canyon Road south of Placerita Canyon Road

Agua Dulce ongoing hard closures

- Agua Dulce Canyon Road at the 14 Freeway (This is a soft closure, residents with ID ONLY)
- Agua Dulce Canyon Road at Soledad Canyon Road (This is a hard closure. No entry)

Acton ongoing hard closure

· Soledad Canyon Road at Bootlegger Canyon Road

Little Tujunga hard closure

Little Tujunga Canyon Road north of the Wildlife Way Station

Health and Medical

- Per the Cal OES SDO as of 07/30/16:
- The San Luis Obispo County Air Pollution Control District issued an Air Quality Alert effective through 1100 hours on Monday, August 1, 2016 due to smoke impacts from the wildfire in Monterey County. Areas of concern include the San Luis Obispo County central coast, interior valleys, and mountains.
- The advisory is available on the SCAQMD website: ftp://ftp.aqmd.gov/pub/globalist/Advisory2.pdf
- On Friday, July 29, 2016, the SCAQMD issued a Smoke Advisory due to smoke impacts from the Sand Fire.
 - Unhealthy air quality is anticipated in the community of Acton, the Antelope Valley, Santa Clarita Valley and San Gabriel Mountains.
 - The Advisory is in effect through 2400 hours on Saturday, July 30, 2016.
 - The Advisory is available on the SCAQMD website: ftp://ftp.aqmd.gov/pub/globalist/Advisory.pdf



Sand, Vegetation Fire, Los Angeles County

Rail Closure

- Per the Cal OES SDO as of 07/30/16: Rail service has resumed full service along the Antelope Valley line.
- Service had been discontinued north of the Via Princessa Station due to the Sand Fire.

Shelters

Per Cal OES SREOC and American Red Cross (ARC):

- Hart High School, 24825 N. Newhall Avenue, Saugus, Santa Clarita
 - · Midnight shelter count: 8
- Per the Cal OES SDO on 07/30/16: All animal shelters (large and small animal shelters) have closed
- · Approximately 25 animals remaining at animal shelters were transferred to an animal control facility

Utilities

- Per Southern California Edison, Damage Assessment is on-going and crews are deployed throughout the fire area to repair damaged poles and power lines due to the Sand Fire.
 - Approximately 84 poles burned in the in the fire.

Recovery

- Per SREOC as of 07/25/16, LA County Department of Public Works (PW) have began Building and Safety Inspections.
 - PW anticipates significant debris and will begin clearing it as soon as the situation permits as well as begin forecasting mudflow on hillsides
- Los Angeles County Office of Emergency Management encourages citizens to contact Los Angeles County 211 (online or telephone) to report property/incident damage.
- Per the Cal OES SDO as of 07/30/16 a Local Assistance Center (LAC) will open on 08/05/16 at William S. Hart Park Hart Hall, 24151
 Newhall Avenue, Newhall:
- · Hours of operation :
 - Friday, August 5 1300 hours to 2000 hours
 - Saturday, August 6 0800 hours to 1400 hours
 - Monday, August 8 1300 hours to 2000 hours

Cal OES Duty Officers continue to monitor



Goose, Vegetation Fire, Fresno County

Location: Gooseberry Ln at Morgan Canyon, South of Prather

Jurisdiction: DPA, SRA

Start Date/Time: 7/30/16 at 1436 hours

Per the Cal OES Duty Officers and CALFIRE as of 07/31/16 at 0506 hours:

• 500 Acres grass, 5% contained

Currently moving into the Black Mountain Road and Whispering Pines Area

· Multiple structure threatened

· Short and long range spotting has been observed

· Evacuations in progress

Cal OES Deployments

- 1 Cal OES Fire and Rescue Assistant Chief assigned (5215)
- 1 Cal OES Law Enforcement Branch Assistant Chief assigned
- · 1 PSC Tech assigned

Activations

• Per the Cal OES Inland Duty Officer (IDO), Fresno County EOC is not activating at this time

FMAG

- FMAG has been received by Cal OES and was forwarded to FEMA. After investigation, the FMAG was approved by FEMA.
- · Declaration number to follow once issued.

Shelters

Per Cal OES IDO and American Red Cross (ARC):

- An evacuation shelter was established at Foothill Elementary School, 29147 Auberry Road, Prather
- A Small Animal Shelter was established at; Foothill Elementary School, 29147 Auberry Road, Prather
- · A Large Animal Shelter was established at, Sierra High School, 33326 Lodge Road Tollhouse

Utilities

- 500 KV power lines in the area
- Per CUEA, presently the lines are safe and the grid stable



Fork, Vegetation Fire, Madera County

Location: Mammoth Pool Rd. X Douglas Ranger Station Rd., West of North Fork

Jurisdiction: State DPA, SRA Start Time: 1755 Hours

38 Acres, 70% Contained per CALFIRE as of 07/30/16 at 0823 hours

· Forward rate of spread stopped

· Fire in Tree Mortality area

· Structure threat mitigated

· Extensive mop up in timber area

Shelters

Per Cal OES IDO at 2038 hours:

• A Red Cross shelter has been established at Yosemite Lakes Community Church, 43840 Patrick Ave, in Coursegold.

· Midnight Shelter Count: 1

A small animal shelter has been established at the same location.

Dockery, Vegetation Fire, Lassen County

Location: 36 East X County Road A1. 2 Miles West of Susanville

Jurisdiction: DPA, SRA

Start Time: 07/30/16 at 1625 hours Per the Cal OES FDO and CALFIRE: 42 Acres timber, 50% contained

Forward spread stopped

MAJOR ROAD / HIGHWAY / BRIDGE CLOSURES

Major Road Closures			
Northern California	Central California	Southern California	
No Lifeline Route Closures	No Lifeline Route Closures	No Lifeline Route Closures	

Lifeline Routes:

• There are no Lifeline route closures.

Non-Lifeline Routes:

• There are no Non-Lifeline route closures.

Wildfire Closures:

• There are no route closures due to wildfires.

Emergency Center Activations:

• There are no Emergency Center Activations at this time.





California 911 System

	CA 911 Outages	
Northern California	Central California	Southern California
No 911 Outages	No 911 Outages	No 911 Outages

Service Interruptions:None reported.

Remote/Community Isolations: None reported.



WEATHER OF CONCERN

Weather of Concern

- Excessive Heat Warning effect from 1100 hours until 2000 hours today areas in Kern County.
- Red Flag Warning on from 1200 hours to 2100 hours today for Modoc County.
- Fire Weather Watch from 1200 hours until 2100 hours tomorrow for Modoc County.

Active Weather Warnings, Watches and Advisories by County:

http://www.wrh.noaa.gov/sto/brief/wwa_bc_cal.php

WEATHER SYNOPSIS BY REGION

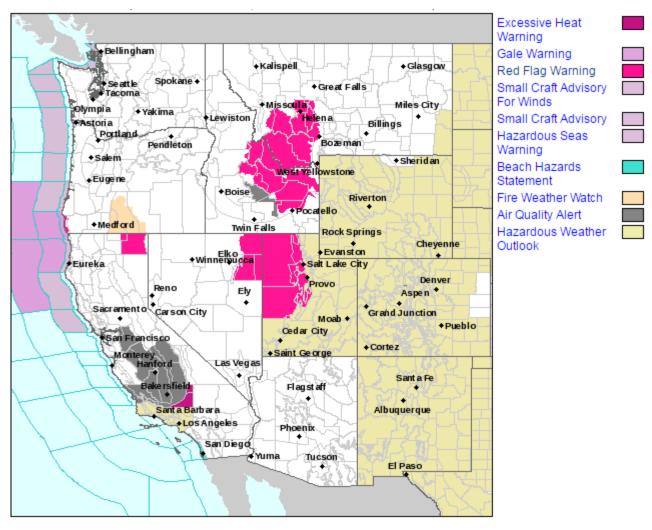
NORTHERN CALIFORNIA

The high pressure responsible for the current heat wave will weaken and drift south as a low pressure trough over the Pacific Northwest deepens and pushes south over Northern California this weekend. Monsoon moisture produced nearly 70 lightning strikes in the Northern California Thursday and Friday, but the developing southeast winds associated with the trough has pushed most of the moisture off to the east. Only isolated thunderstorms are possible near the northern and eastern edges of the region this afternoon, and it's likely that no strikes will occur within Northern California boundary this afternoon. Temperatures will cool to 4-8 degrees above normal and minimum RH will be 8-18% in inland areas today. Many inland areas will continue to see humidity only recover to 25-40% overnight. Southwest to West winds east of the Cascade-Sierra crest will increase to 10-15 mph with gusts to 25 mph, and locally higher, this afternoon. Beginning Sunday temperatures will be closer to normal, but low humidity will continue in inland areas both during the day and at night. The marine layer is likely to deepen early in the week and afternoon sea breeze winds will be stronger and reach farther inland. Afternoon Southwest to West winds will increase to 10-20 mph with gusts to 30-35 mph Sunday, and further increase Monday and Tuesday with gusts to 35-40 mph. Minimum humidity in these areas will be 7-15% each day. In the East Side PSA (NC08) these winds will be on top of areas where scattered lightning strikes occurred Thursday and Friday, where holdover ignitions may exist and this situation is considered a High Risk for significant fire development. The dry and breezy conditions in Northeast California and Northern Sierra PSAs will fall just below High Risk criteria Sunday through Tuesday.

SOUTHERN CALIFORNIA

Southeast flow aloft will bring isolated to scattered showers and thunderstorms to the Sierra through Monday and to the mountains and deserts of Southern California mainly east of the I-15 Corridor through Wednesday. By late next week, dry southwest flow aloft will end the shower and thunderstorm threat across most of the region. However, isolated to scattered showers and thunderstorms will continue near the Colorado River through the end of next week. High pressure over the southern half of the United States will weaken this weekend causing temperatures to cool to a little above normal by Sunday. Maximum temperatures will be in the mid 80s to mid 90s across the mountains and in the mid 90s to 105 in the valleys today. There will be little change in temperature Monday through Wednesday. Minimum humidity will be mainly between 15% and 30% away from the coast through Monday. There will be little change in humidity across Southern California next week, but by Tuesday minimum humidity will drop into the single digits and teens across Central California. A weak Pacific trough will cool temperatures to near or a little below normal by late next week.

WEATHER MAP



Last map update: Jul. 31st 2016 at 6:37:16 am MDT

CAL OES LAW ENFORCEMENT MISSIONS

Ongoing Cal OES LAW Missions

• 2016-LAW-25453, 7/30/16 0250 hrs., Alpine County Sheriff's Department (ACSD) is requesting resource to locate a 71 year old woman who walked away from her campsite in the Bear Valley Area. M/P had walked away on 07/28/16 at 1545 hrs., and was reported missing to ACSD at 1700 hours on 7/28/16. ACSD is requesting (3) scent search dog teams, (4) Type I ground search teams, (10) Type II ground search teams, and (1) overhead team. Cal OES, Law Enforcement Branch (LEB) is coordinating the search dog response. El Dorado, Amador, Tuolumne, and Calaveras Sheriff's Department are responding with requested resources. Update: 07/29/16, 1900 hours, ACSD is requesting (40) Type I and II ground searchers and (4) scent search dog teams. Cal OES LEB is coordinating the search dog response. El Dorado, Amador, Placer, Nevada Yolo, Stanislaus, Contra Costa, Marin and San Mateo are responding with resources. Mission Ongoing

CAL OES Proclamations

Sand, Vegetation Fire, Los Angeles County

- On 07/25/16, Los Angeles County, proclaimed a Local Emergency due to the Sand Fire.
- Requesting that a copy of the Proclamation be forwarded to the Director of Cal OES, forwarded to the Governor and that he issue a
 Proclamation declaring an emergency in Los Angeles County and that he waive regulations that may hinder response and recovery efforts; that
 recovery assistance be made available under CDAA; and that the State expedite access to State and Federal resources and any other
 appropriate federal disaster relief programs.

Sobranes, Vegetation Fire, Monterey County

On 07/24/16, Monterey County proclaimed a local State of Emergency due to the Sobranes Vegetation Fire.

• There are no requests for state assistance.

Erskine, Vegetation Fire, Lake Isabella, Kern County Proclamation

On 06/23/16, Kern County proclaimed a local State of Emergency due to the Erskine Vegetation Fire.

- There are no requests for state assistance.
- An FMAG (#FM5131) was issued for the Erskine Fire on 06/24/16.
- Governor Brown proclaimed a State of Emergency in Kern County on 06/24/16.
- Kern County submitted a Proclamation Continuance of the local emergency on 7/07/16.
- On 07/18/16, Kern County sent a Ratifying Proclamation for the Erskine Vegetation Fire requesting CDAA when the scope of damages are fully known. Also a Local Health Emergency Proclamation was received but not requesting assistance.

Los Angeles County - Fruitland Incident (Magnesium Fire in Maywood)

On 06/18/16, Los Angeles County proclaimed a Local Emergency.

The County is requesting:

- A Governor's Proclamation including CDAA and to waive regulations that may hinder response and recovery efforts.
- The State to expedite access to State and federal resources and any appropriate federal relief programs.

On 06/20/16, Maywood City issued an Emergency Proclamation.

The City is requesting:

• A waiver of regulations that may hinder response and recovery operations for the Fruitland Magnesium Fire and CDAA.

On 06/23/16, the City of Vernon issued an Emergency Proclamation.

The City is requesting:

- A Governor's Proclamation including CDAA and to waive regulations that may hinder response and recovery efforts.
- The State issue a Proclamation declaring an emergency in the City of Vernon
- The State to expedite access to State and Federal resources and any other appropriate federal disaster programs.



CAL OES MISSIONS

Ongoing Cal OES Missions

- 2016-SOC-24742: Hazardous Waste Task Force to segregate, collect, and package hazardous waste at the 250+ destroyed and damaged structures in the Erskine Fire burn area. **Mission Ongoing**
- **2016-IREOC-21748**: Tasking Cal Trans to extend state highway right of way to facilitate hazard tree removal. This is a long term mission and is expected to remain in place through the summer months. **Mission Ongoing**
- 2015-IREOC-19846: One RAWS weather station to Amador OA On scene 11/30/15, expected to be left in place until October. Mission Ongoing

Cal OES 2016 DROUGHT

The SOC remains activated in support of the Drought State of Emergency and continues to monitor the situation.

Current Local Emergency Proclamations:

A total of **57** local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:

- 25 Counties: Colusa, Calaveras, El Dorado, Fresno, Glenn, Inyo, Kern, Kings, Madera, Mariposa, Merced, Modoc, Plumas, San Bernardino, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Stanislaus, Sutter, Trinity, Tulare, Tuolumne, and Yuba.
- 10 Cities: City of Live Oak (Sutter County), City of Lodi (San Joaquin County), City of Manteca (San Joaquin County), City of Montague (Siskiyou County), City of Porterville (Tulare County), City of Portola (Plumas County), City of Ripon (San Joaquin County), City of Rancho Cucamonga (San Bernardino County) City of West Sacramento (Yolo County), and City of Fort Bragg (Mendocino County).
- 10 Tribes: Cortina Indian Rancheria (Colusa County), Hoopa Valley Tribe (Humboldt County), Karuk Tribe (Siskiyou/Humboldt Counties), Kashia Band of Pomo Indians of the Stewarts Point Rancheria (Sonoma County), Picayune Rancheria of Chukchansi Indians (Madera County) Sherwood Valley Pomo Indian Tribe (Mendocino County), Tolowa Dee-ni' Nation (Del Norte), Tule River Indian Tribe (Tulare County), Yocha Dehe Wintun Nation (Yolo County), and Yurok Tribe (Humboldt County).
- 12 Special Districts: Carpinteria Valley Water District (Santa Barbara County), Goleta Water District (Santa Barbara County),
 Groveland Community Services District (Tuolumne County), Lake Don Pedro Community Services District (Mariposa Stanislaus
 County), Mariposa Public Utility District (Mariposa County), Meiners Oaks Water District (Ventura County), Montecito Water
 District (Santa Barbara County), Mountain House Community Service District (San Joaquin County), Nevada Irrigation District
 (Nevada County), Placer County Water Agency (Placer County), Tuolumne Utilities District (Tuolumne County), and Twain Harte
 Community Services District (Tuolumne County).



Mission:

We protect lives and property, build capabilities, and support our communities for a resilient California.

We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.